Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 19 Aug 2021 until 23:59 on Friday 20 Aug 2021

Forecast Issued on Wednesday 18 Aug 2021 at 13:55

Confidence: High confidence for predominantly cloudy and rather dull conditions over the coming days and for a spell of heavy rain over the weekend. The main uncertainty relates to the extent of brighter weather in the east, and for timing of heavier rainfall.

Headline for Thursday 19 Aug 2021: A dull, damp start then some brighter spells by afternoon.

Mountain weather hazards on Thursday 19 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Drizzle	Light rain	Cloudy	Light rain	Heavy Rain	Cloudy	Mist
Precipitation probability							
50%	60%	50%	30%	40%	50%	20%	20%

Forecast for Thursday 19 Aug 2021

Weather: Predominantly cloudy conditions with patchy rain and drizzle on and off through the day. Rain may turn heavier for a time through the afternoon with an outside chance of the odd rumble of thundery. Eastern slopes of High Peak may see some brightness at times.

Chance of cloud free mountain/hill tops above 600m: 20%.

Visibility: Cloud will be fairly extensive above 400m in the south and west, perhaps lifting for a few hours late morning but this is unreliable. Cloud occasionally more broken and mainly above 500m elsewhere. Visibility will be as low as a few hundred metres above this level, especially in rain or drizzle. Hazy on lower slopes in the west.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 19 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 W	12/16 W	9/12 W	12/16 W	12/17 W	11/16 SW	8/10 W	5/6 W	8/10 W
300	11/15 W	9/13 W	8/12 W	8/12 W	9/14 SW	8/11 SW	5/7 W	3/5 SW	5/8 SW
Valley	8/16 W	6/11 W	4/9 W	6/11 W	8/14 SW	5/10 SW	2/6 W	2/5 W	3/7 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	11/9	11/9	11/9	12/9	12/10	12/11	12/11	11/10
300	13/11	13/12	13/12	13/12	14/12	14/13	15/15	14/14	13/13
Valley	14/12	13/13	13/13	14/13	15/14	15/14	15/16	14/15	14/14
Freezing Level*	3300m	3200m	2900m	2100m	2800m	2700m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Poor visibility above modest elevations suggests lower level routes may be most rewarding. Best of the brightness expected across the more sheltered north and east. Be aware of the risk of thunderstorms through afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 18 Aug 2021	7mm	16.8mm	24.2mm

Forecast for Friday 20 Aug 2021

Weather: Cloudy with further patchy rain or drizzle, this becoming more widespread through afternoon but generally remaining on the light side. Poor visibility will likely be the main hazard on the hills with plenty of low cloud.

Maximum wind: South 5-10mph.

Chance of cloud free mountain/hill tops above 600m: 30%.

Visibility: Large areas of cloud above 400m will drift northwards across the area bringing generally very poor visibility to the hills, with a real risk of disorientation. Visibility often hazy at low levels in rain and drizzle. Best shelter across the north.

Temperature: **Valleys:** Plus 13 Celsius rising to 20 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above summits.

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